

FIG.1

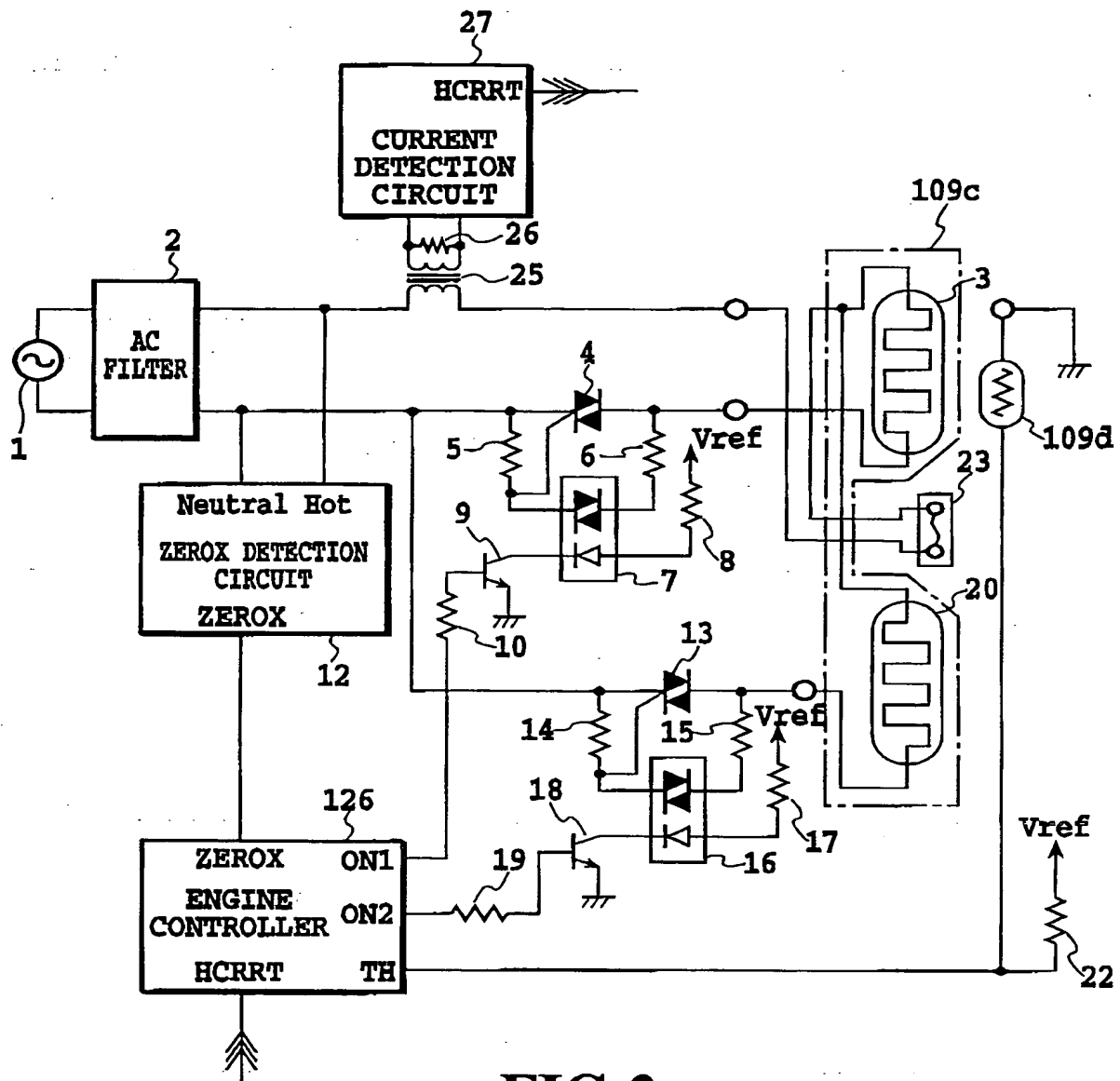


FIG.2

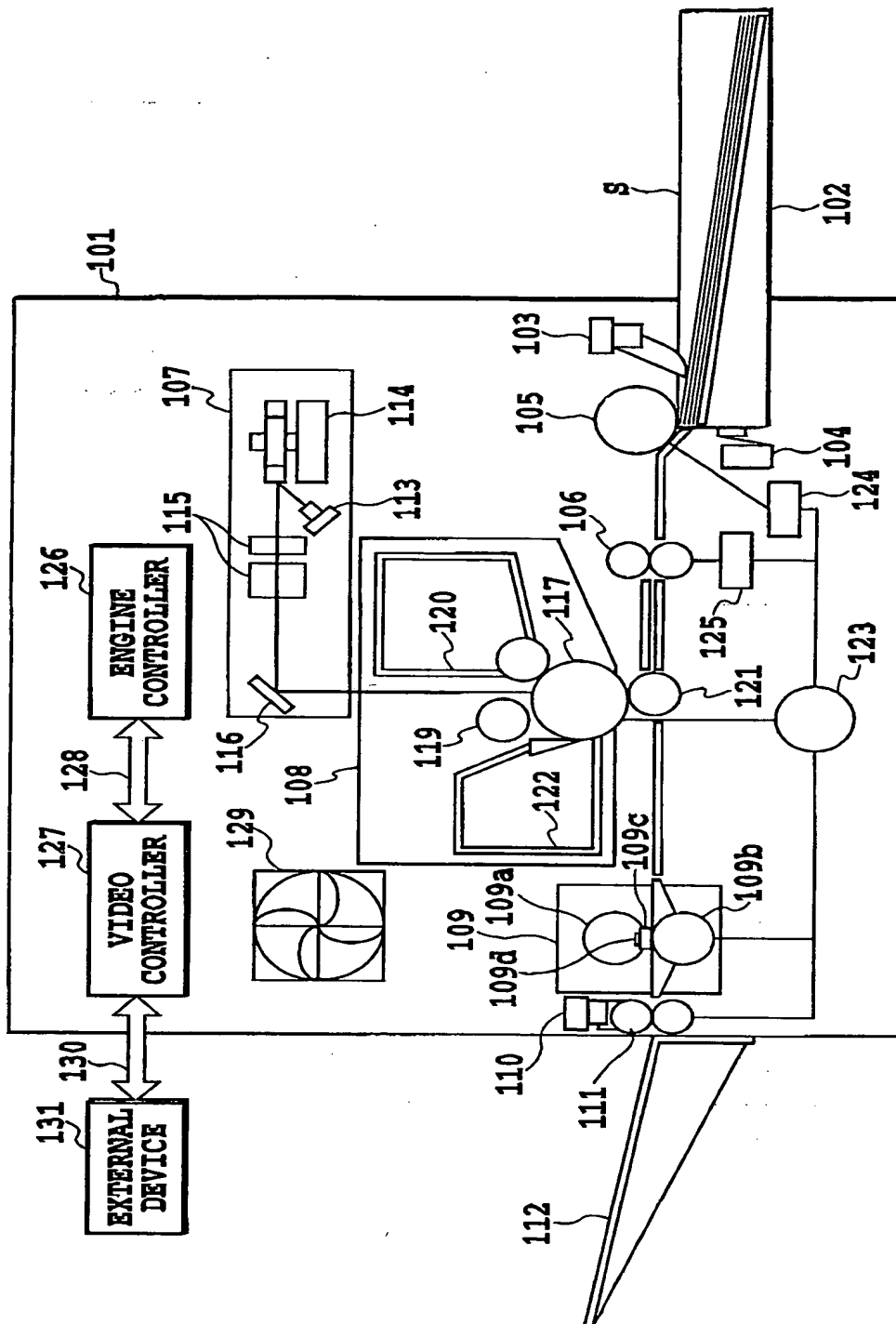
**FIG. 3**

FIG.4A

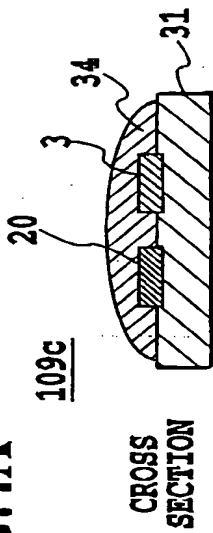
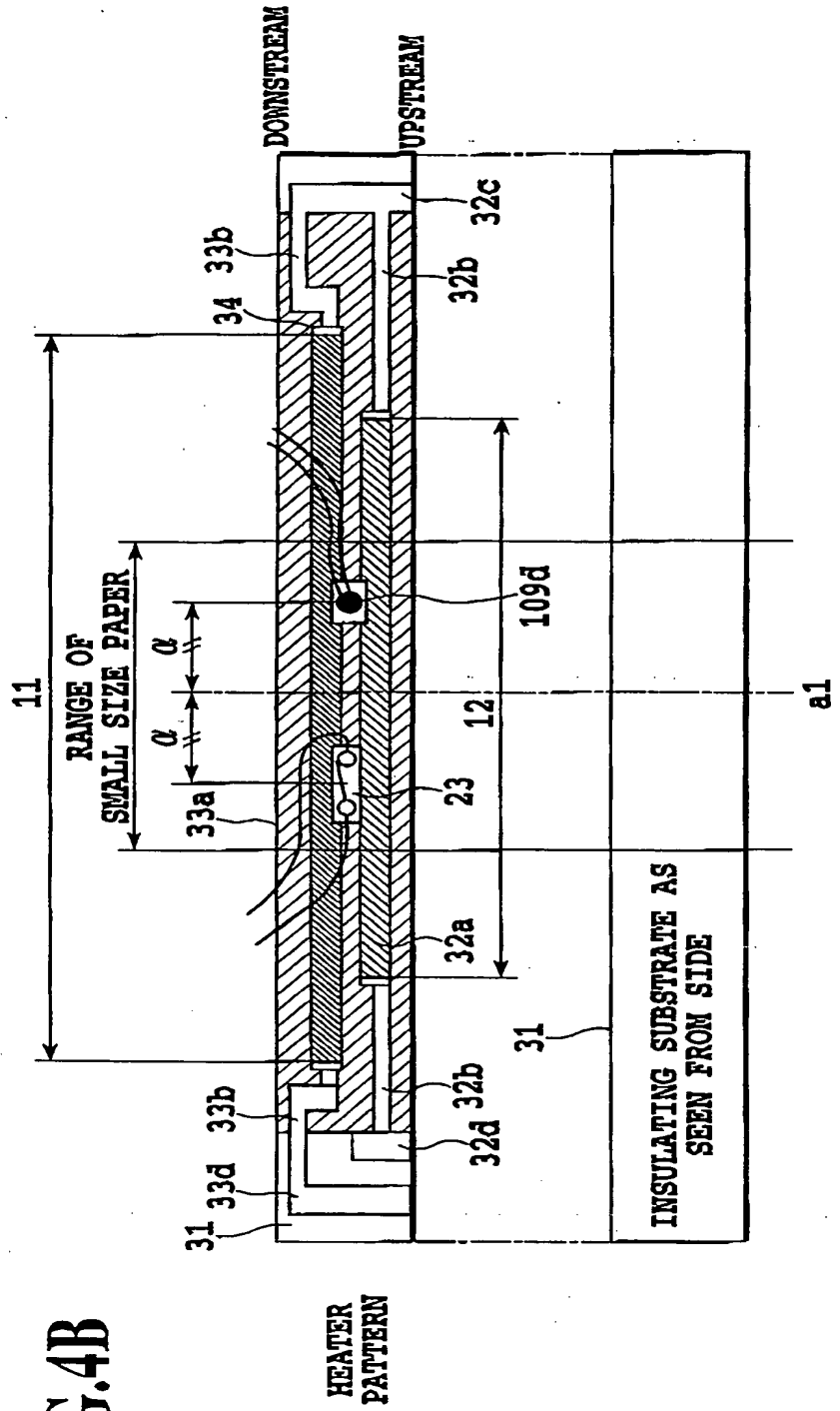


FIG.4B



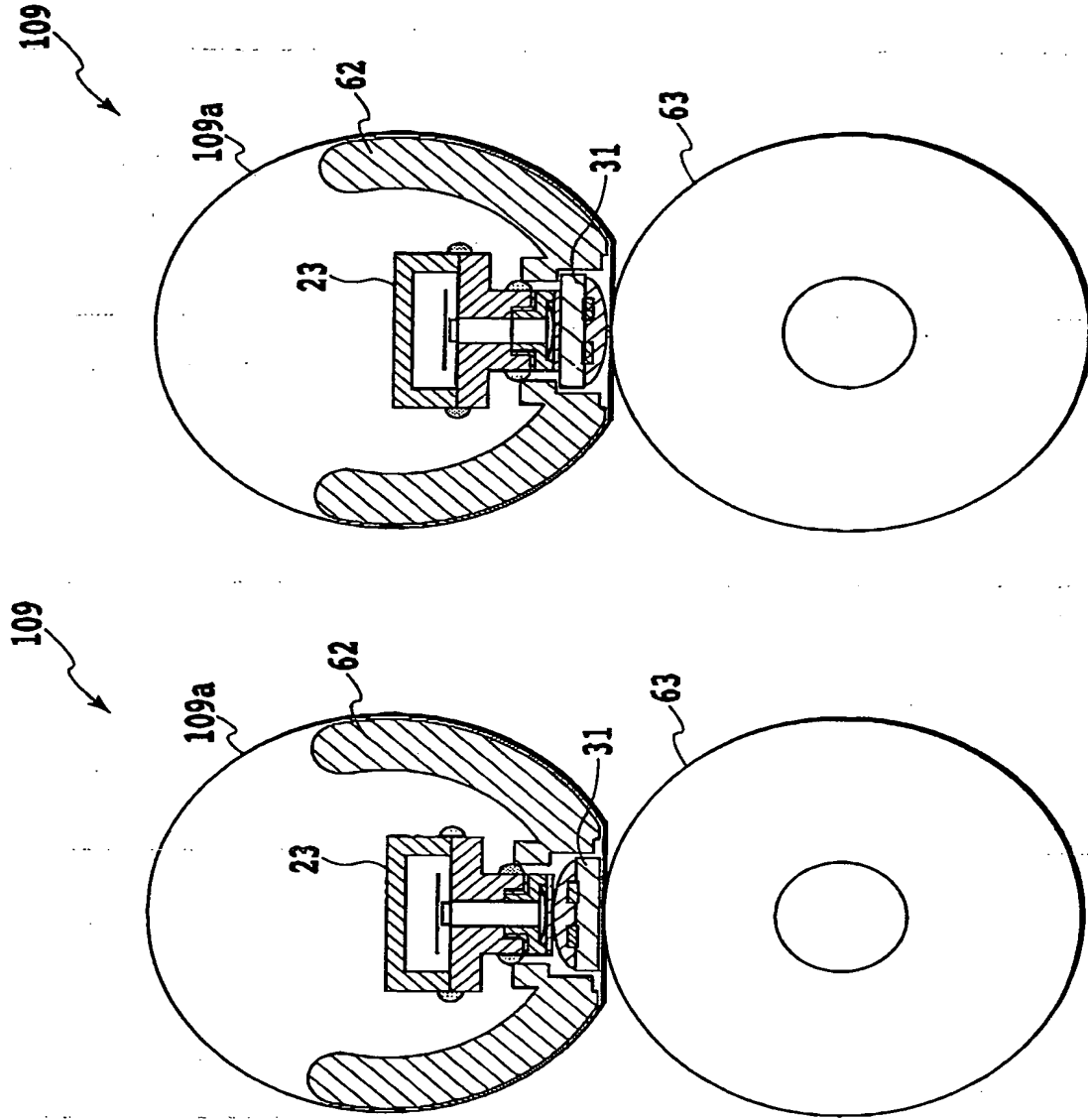


FIG.5B

FIG.5A

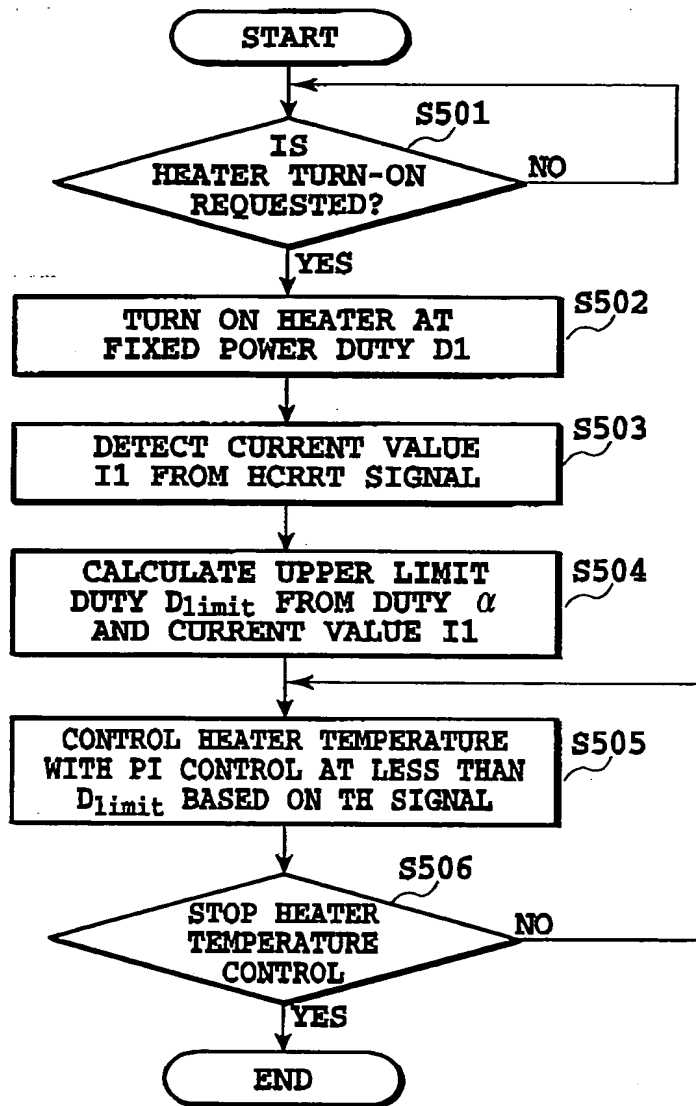


FIG.6

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WHEN FIXED DUTY D1 IS SUPPLIED

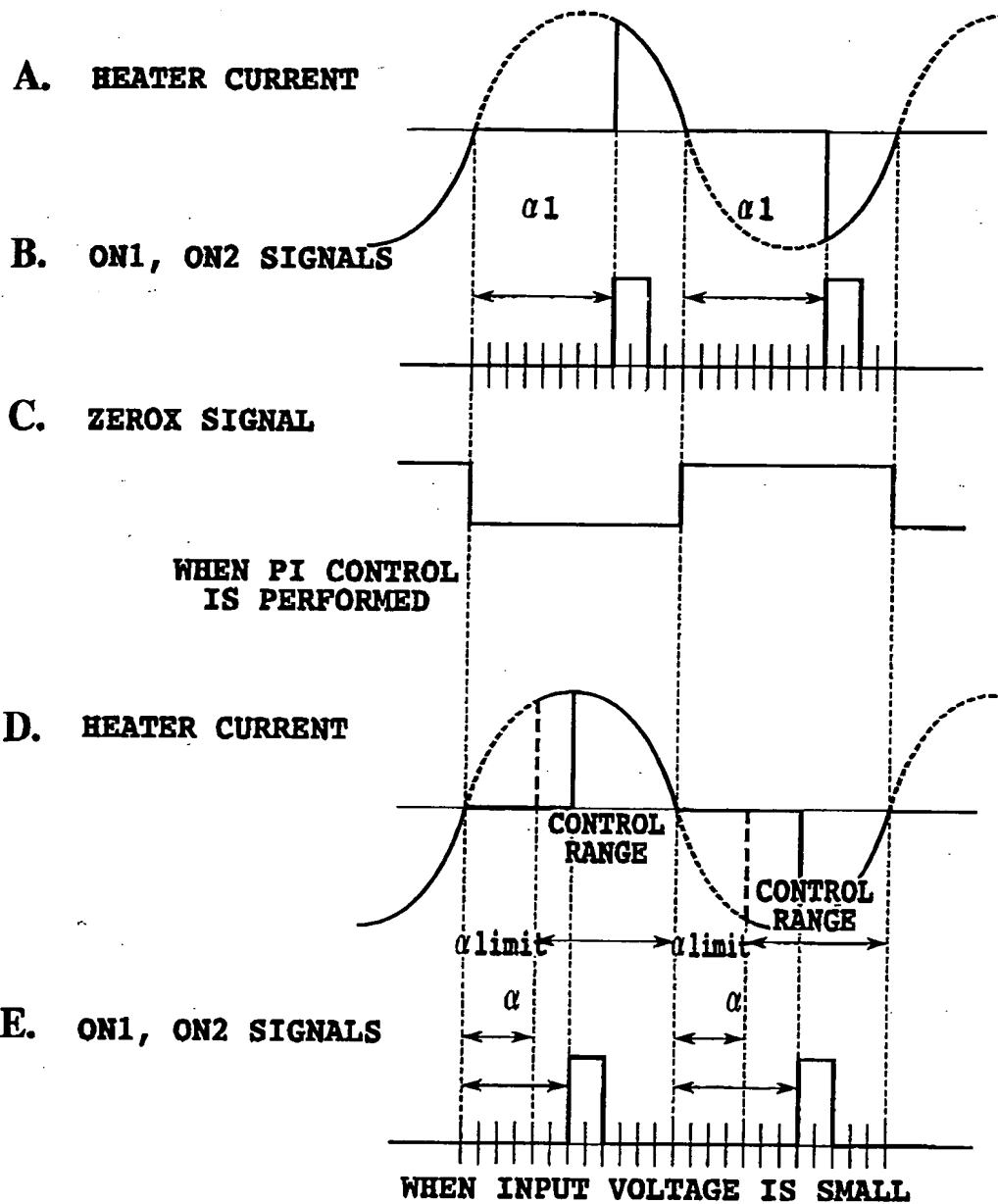


FIG.7

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WHEN FIXED DUTY D1 IS SUPPLIED

A. HEATER CURRENT

B. ON1, ON2 SIGNALS

C. ZEROX SIGNAL

WHEN PI CONTROL
IS PERFORMED

D. HEATER CURRENT

E. ON1, ON2 SIGNALS

WHEN INPUT VOLTAGE IS LARGE

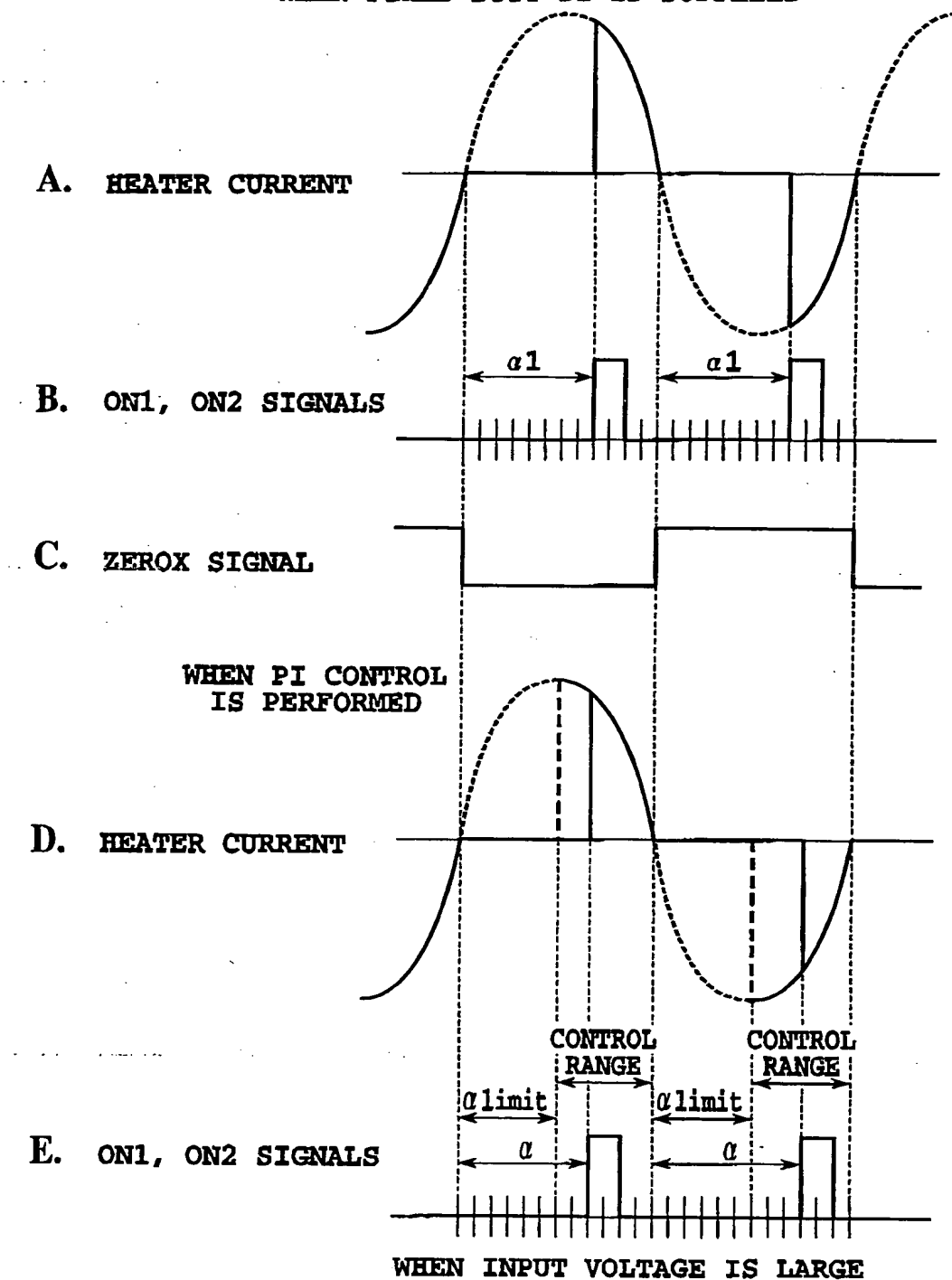


FIG.8

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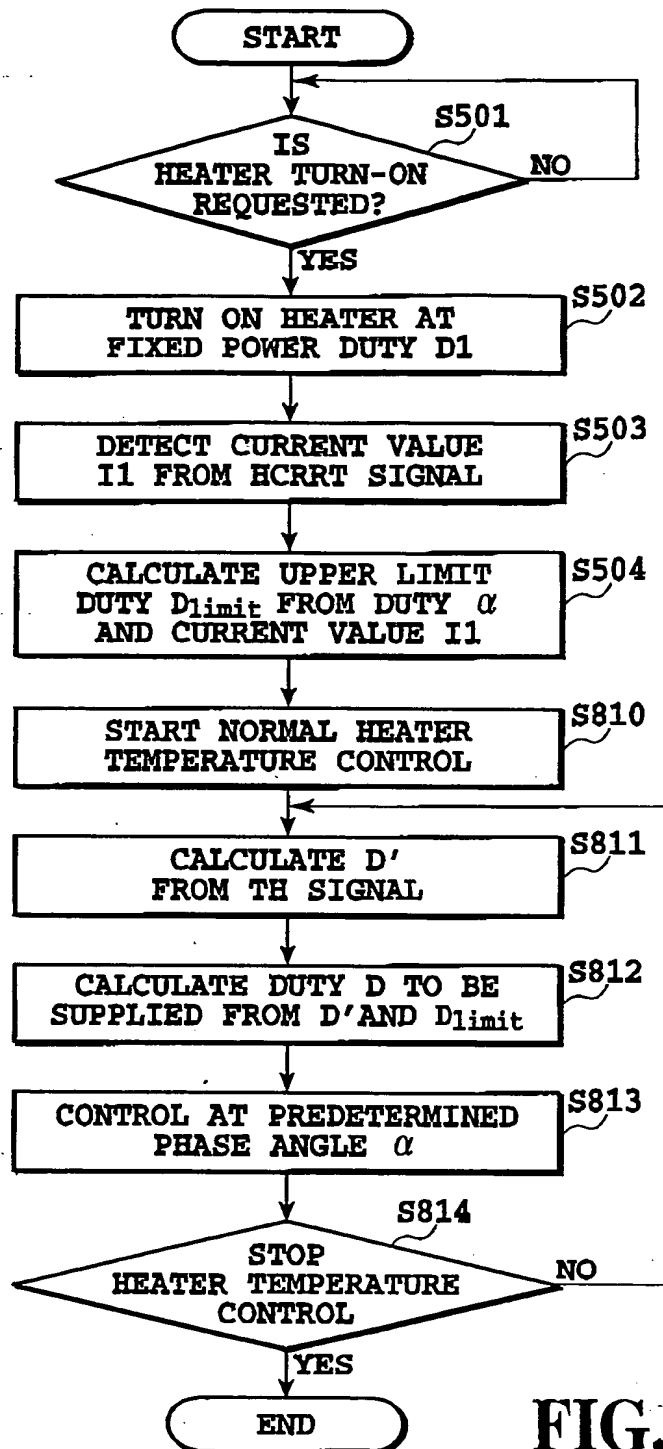
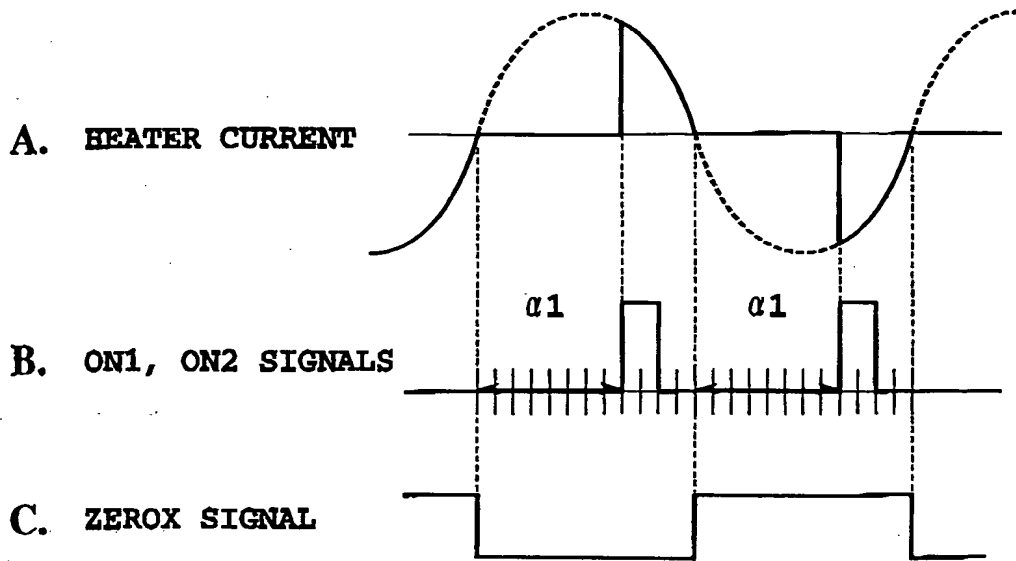


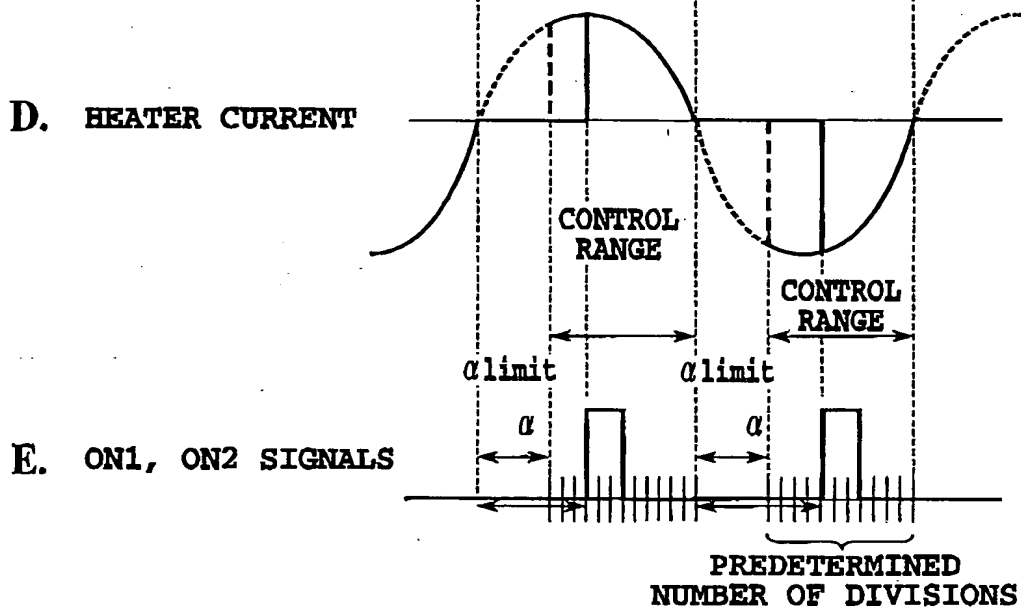
FIG.9

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WHEN FIXED DUTY D1 IS SUPPLIED



WHEN PI CONTROL
IS PERFORMED



WHEN INPUT VOLTAGE IS SMALL

FIG.10

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WHEN FIXED DUTY D1 IS SUPPLIED

A. HEATER CURRENT

B. ON1, ON2 SIGNALS

C. ZEROX SIGNAL

WHEN PI CONTROL
IS PERFORMED

D. HEATER CURRENT

E. ON1, ON2 SIGNALS

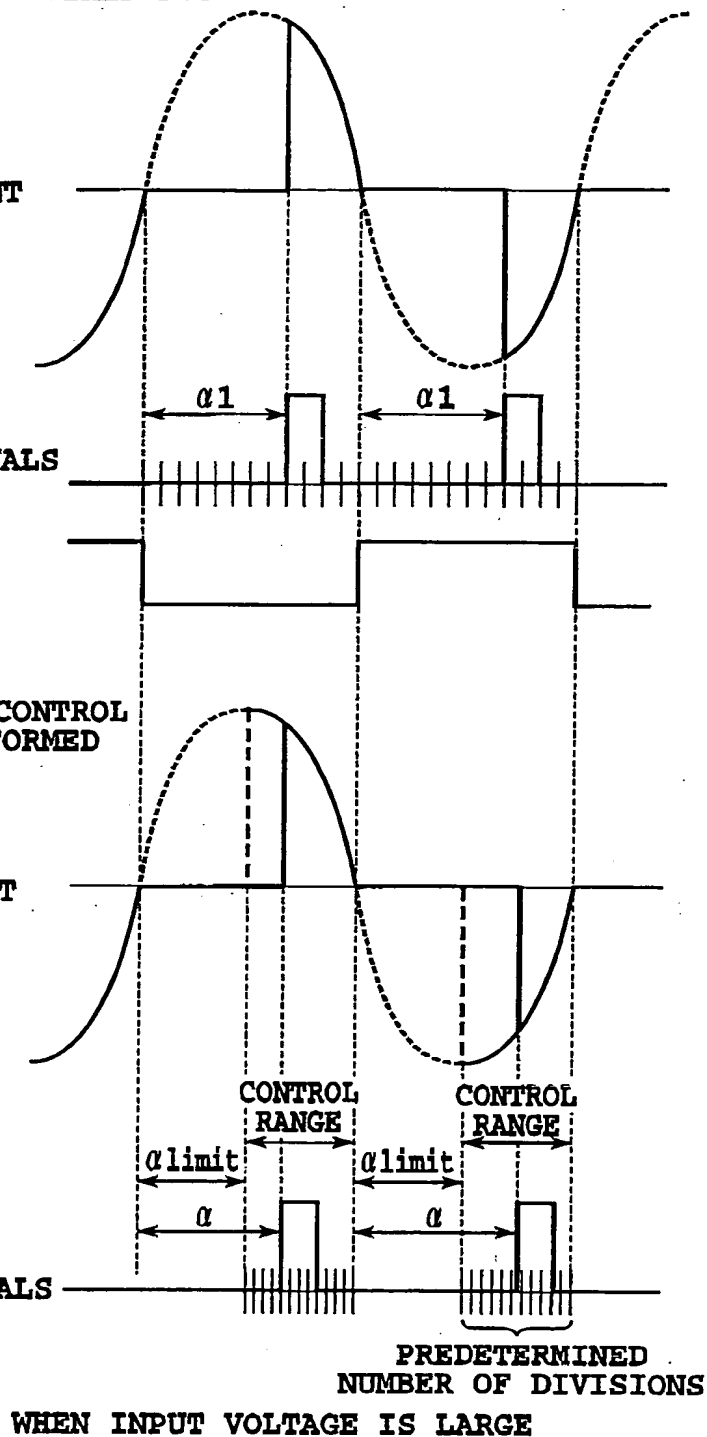


FIG.11

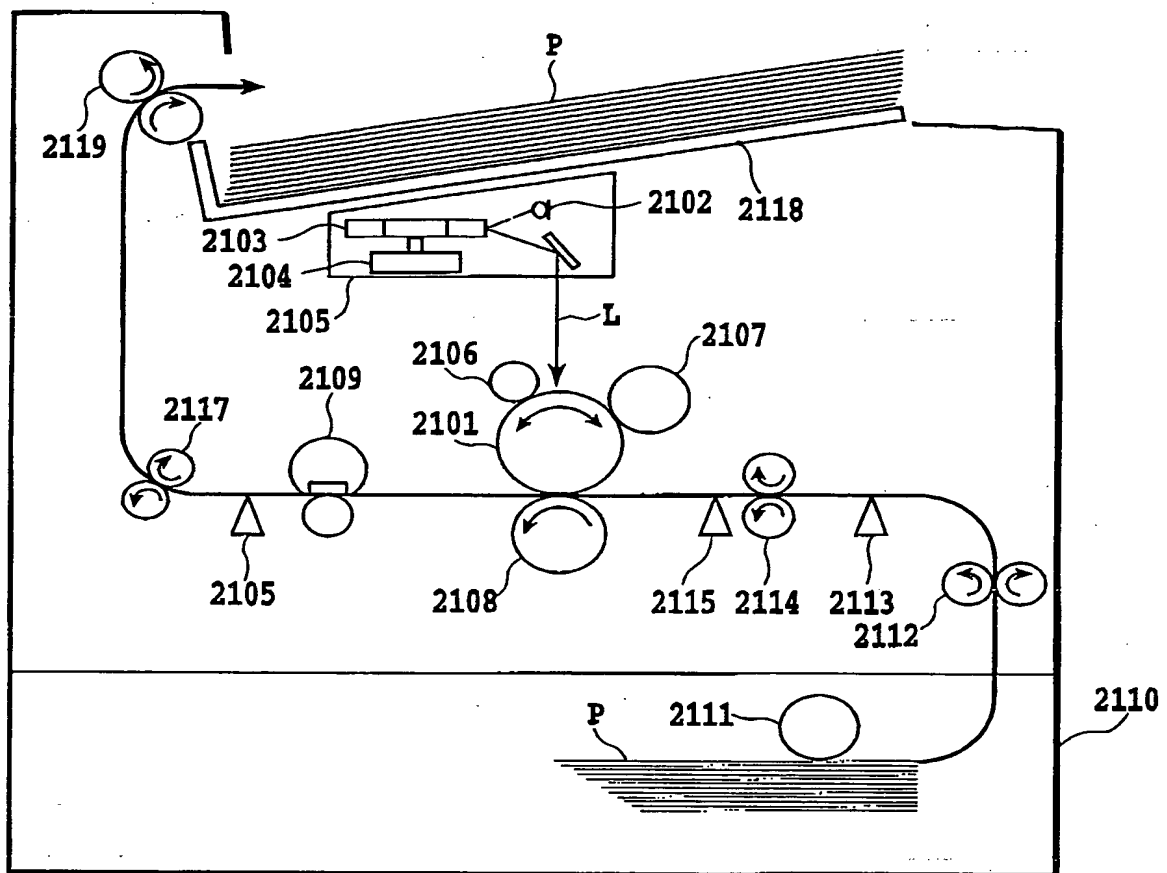


FIG.12

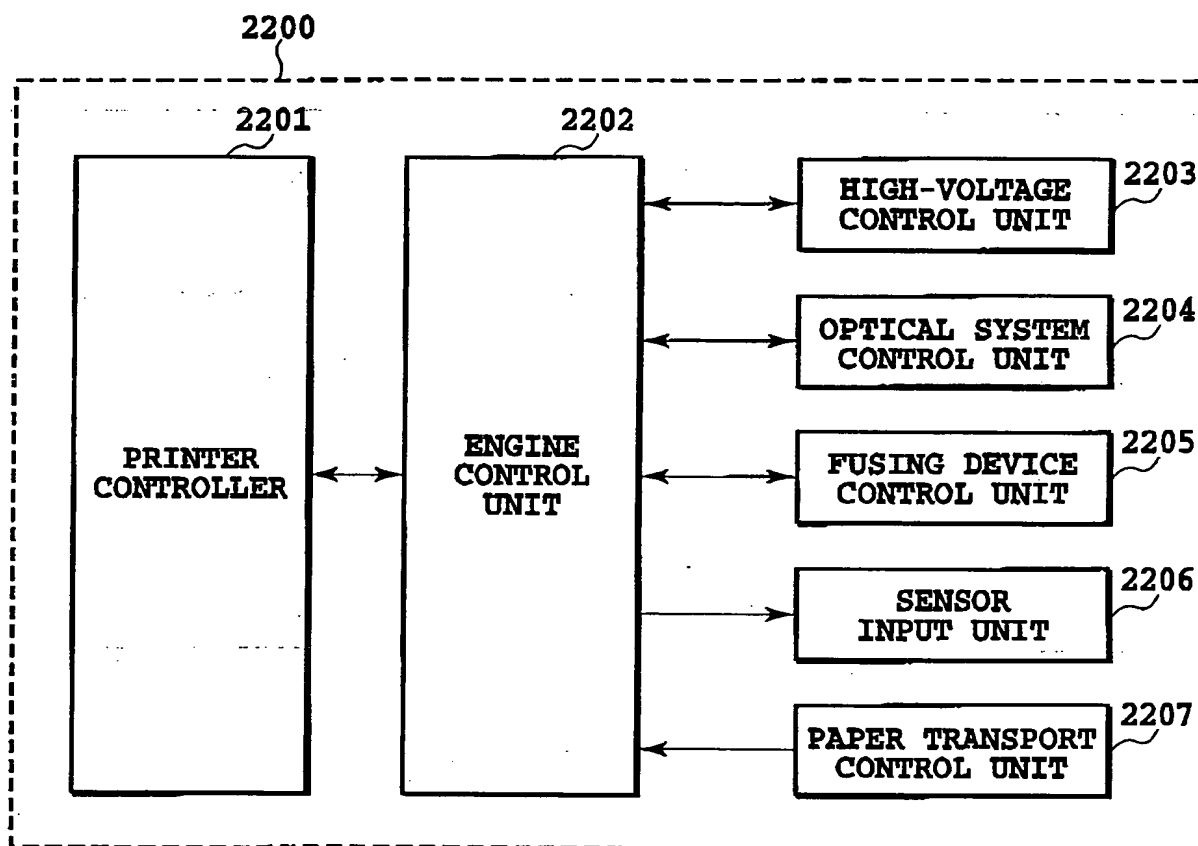


FIG.13



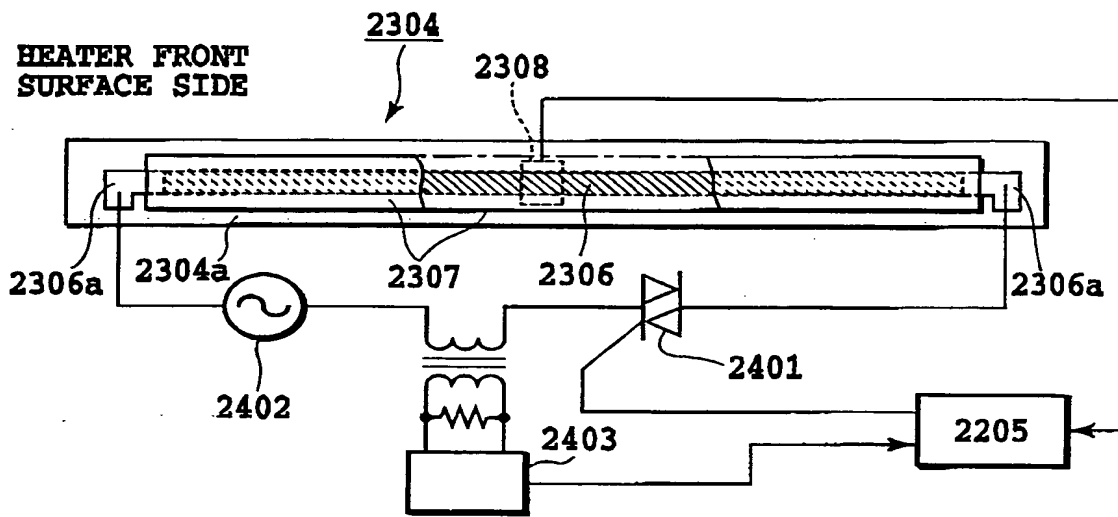


FIG.15A

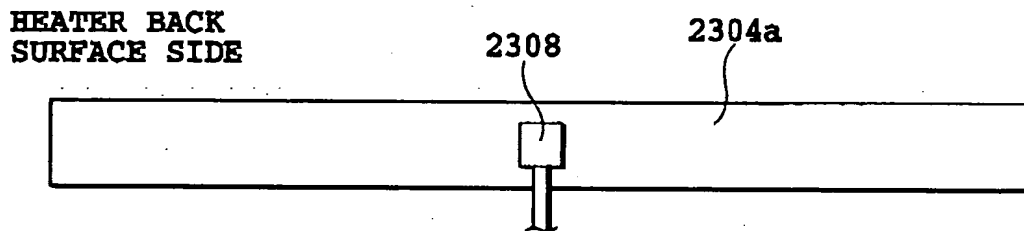


FIG.15B

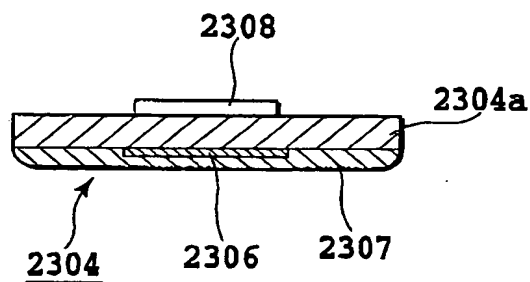


FIG.15C

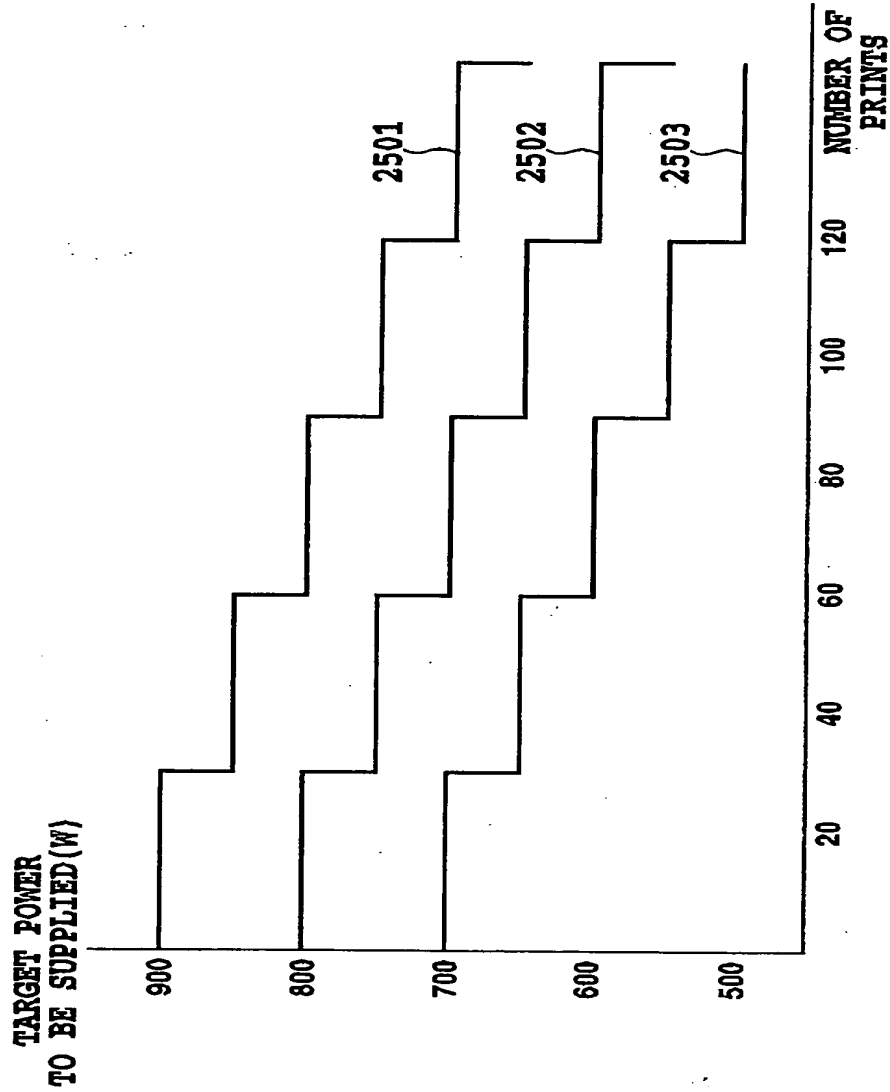


FIG.16

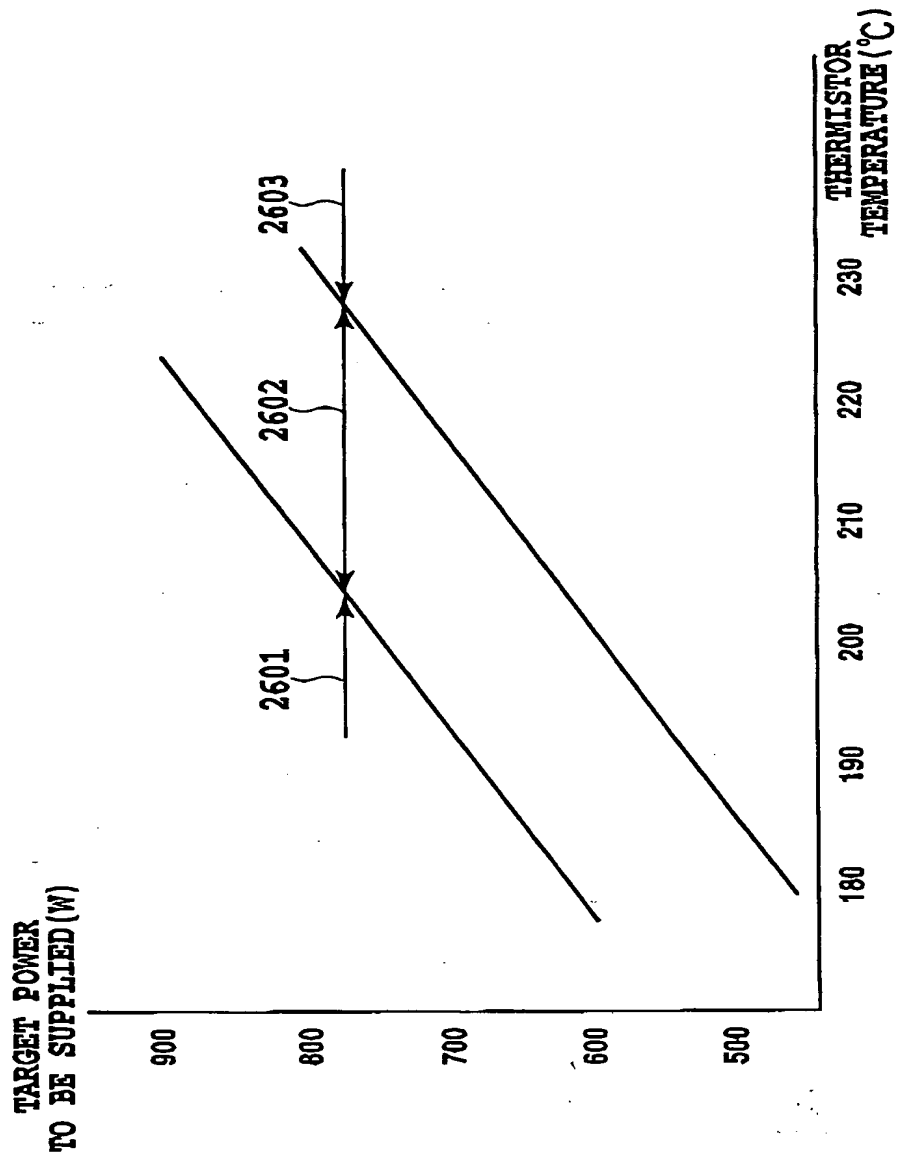


FIG.17

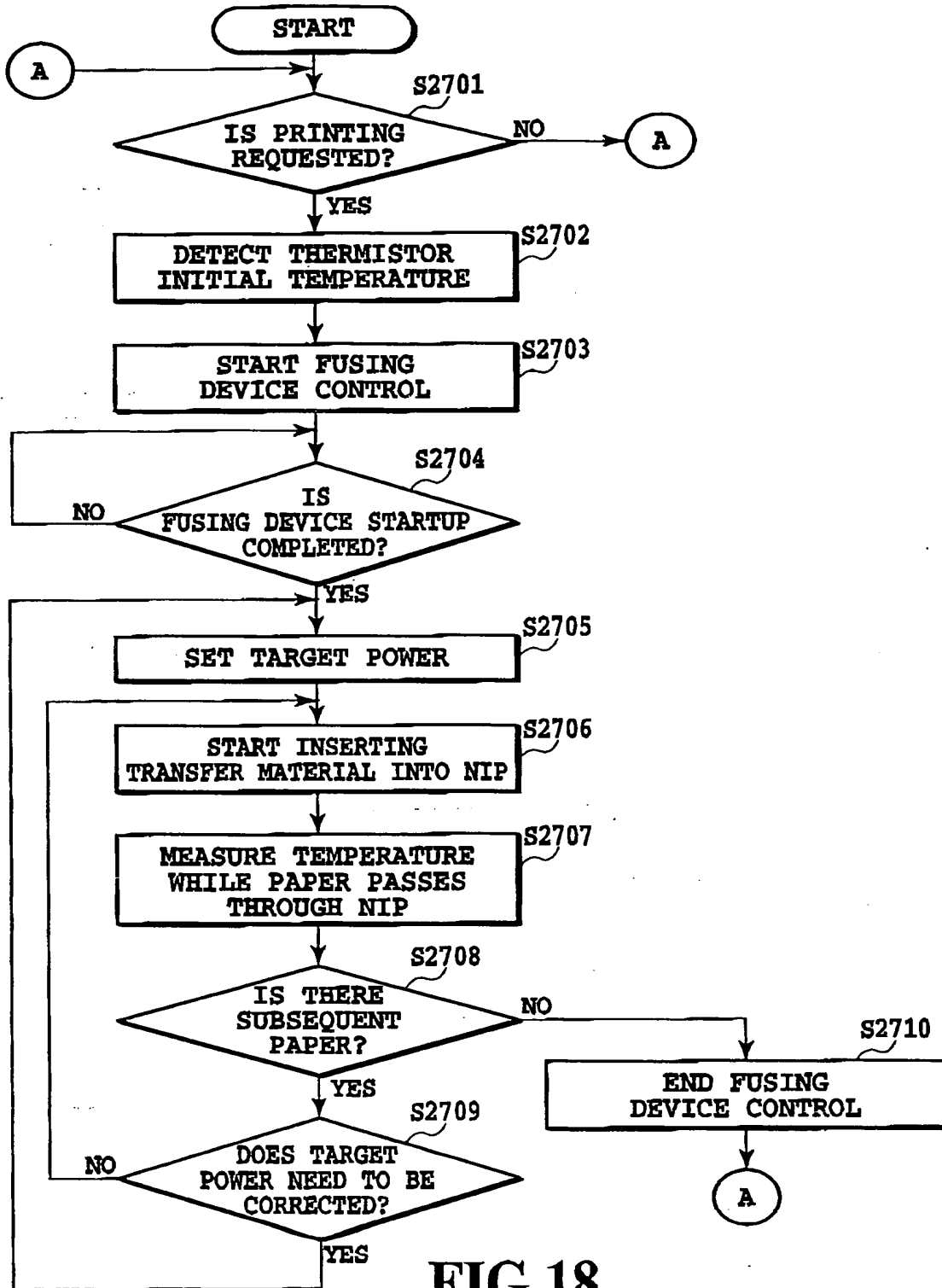


FIG.18

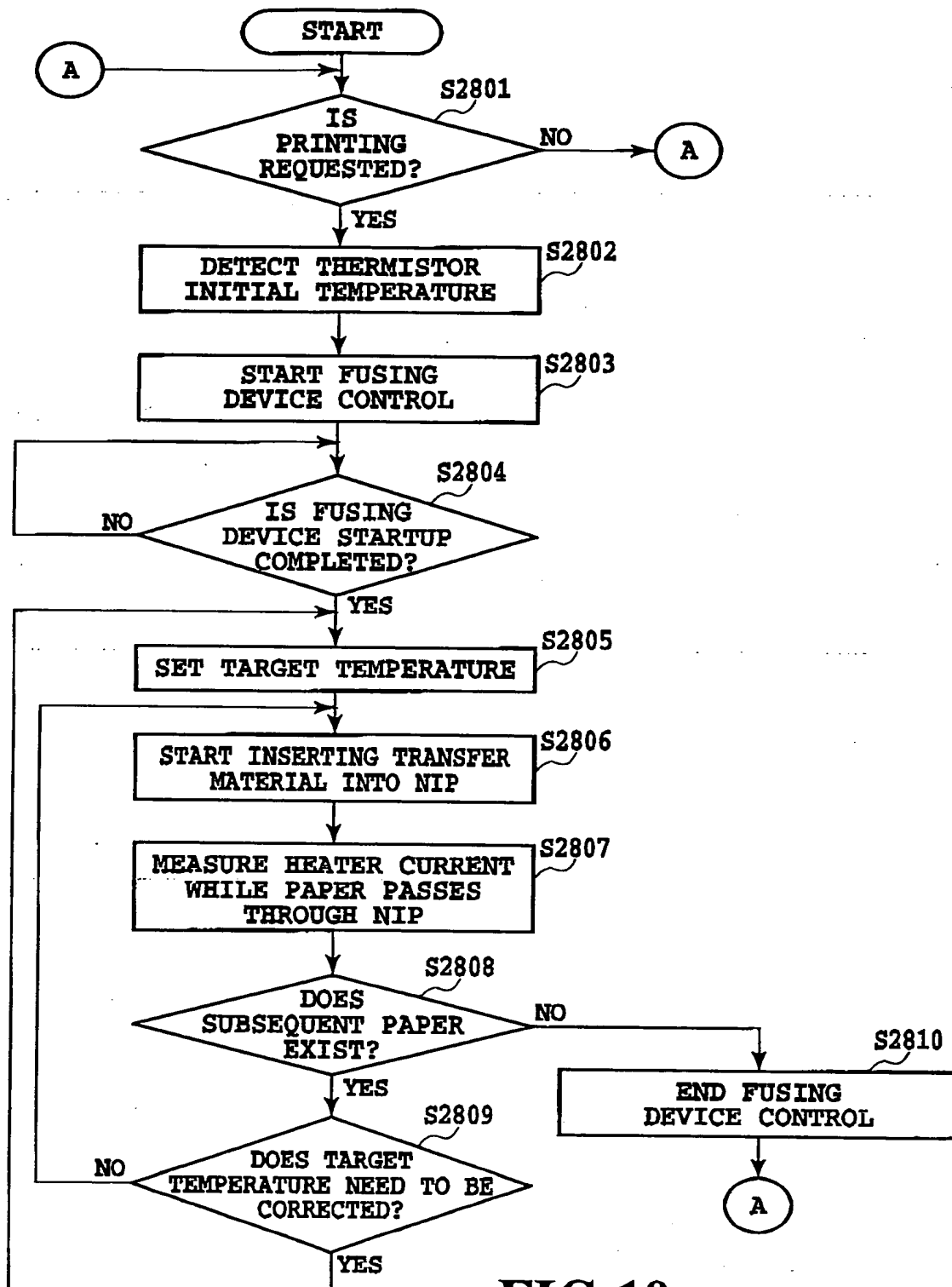


FIG.19

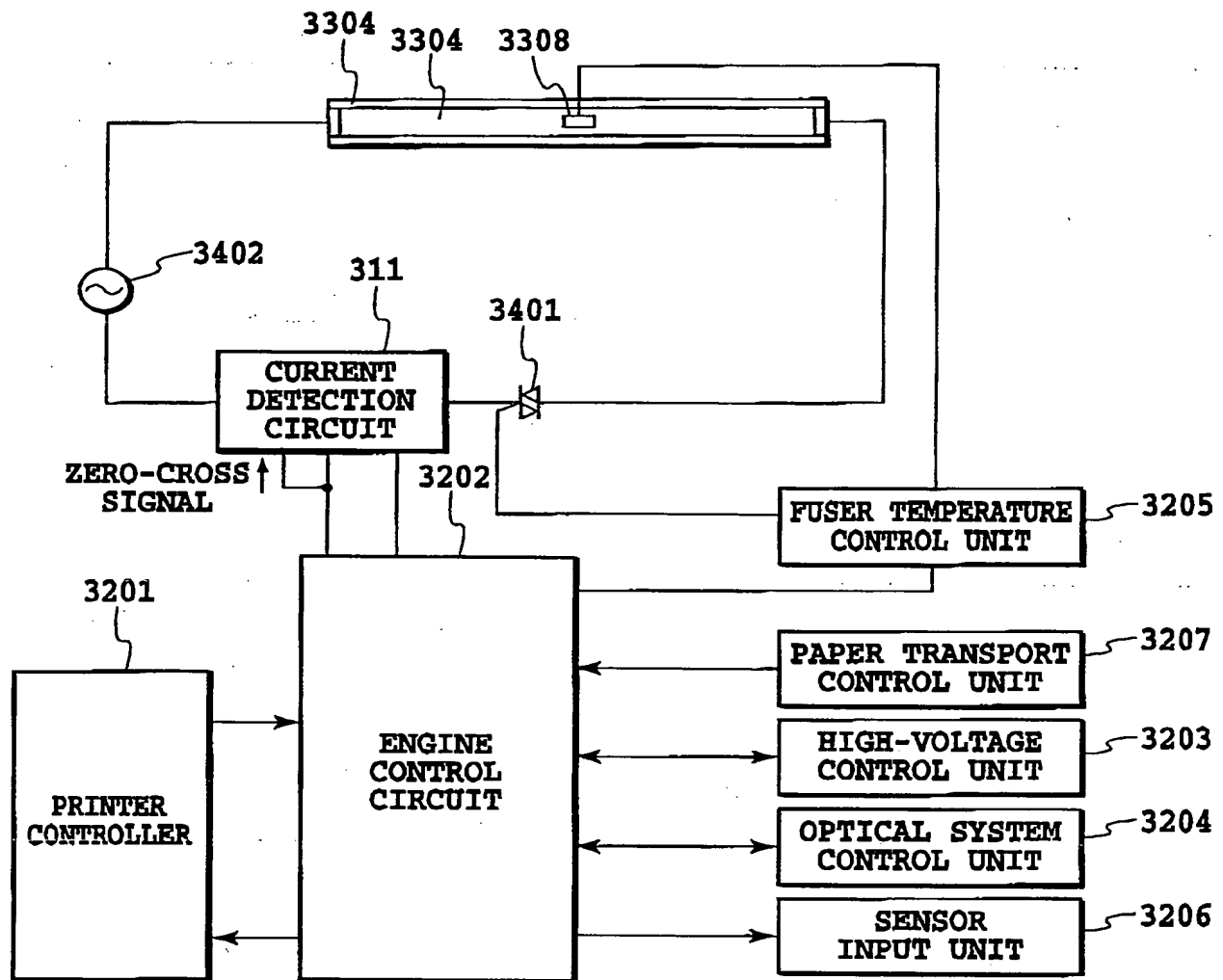
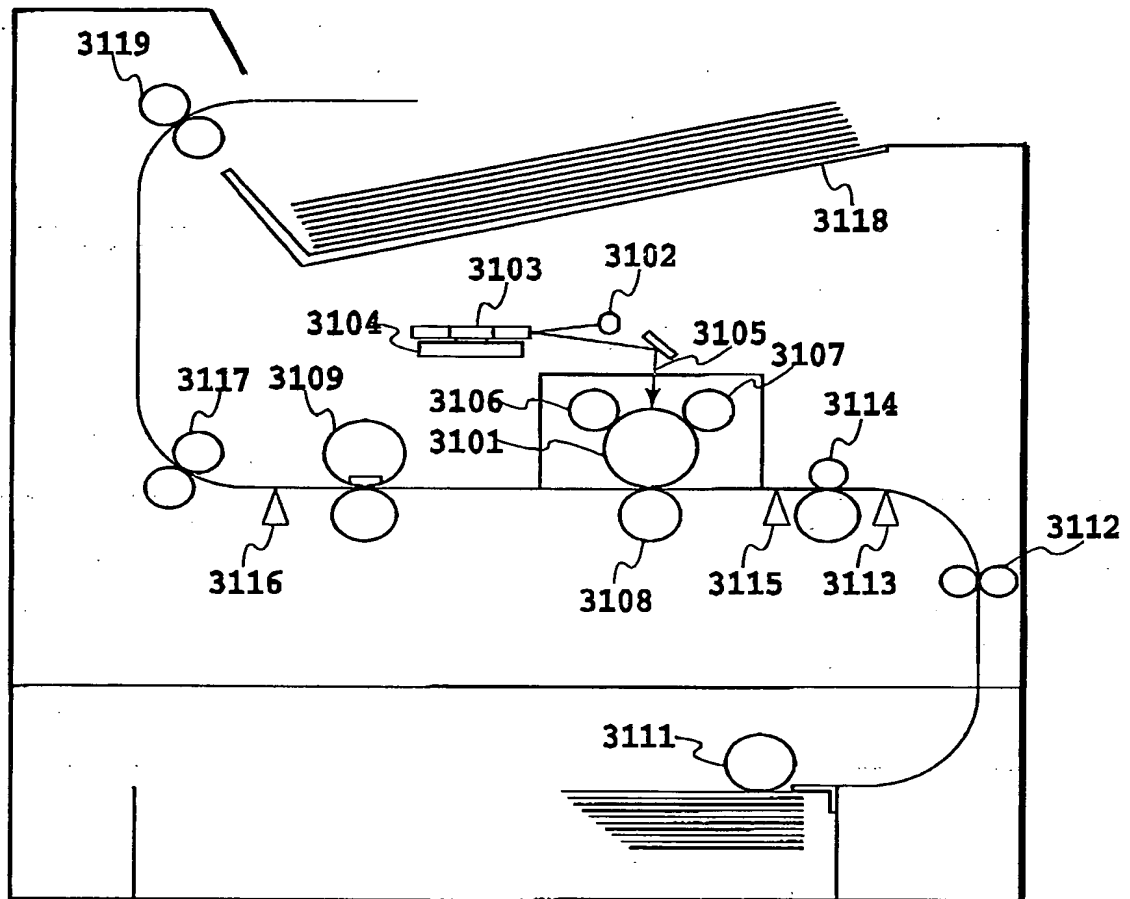


FIG.20



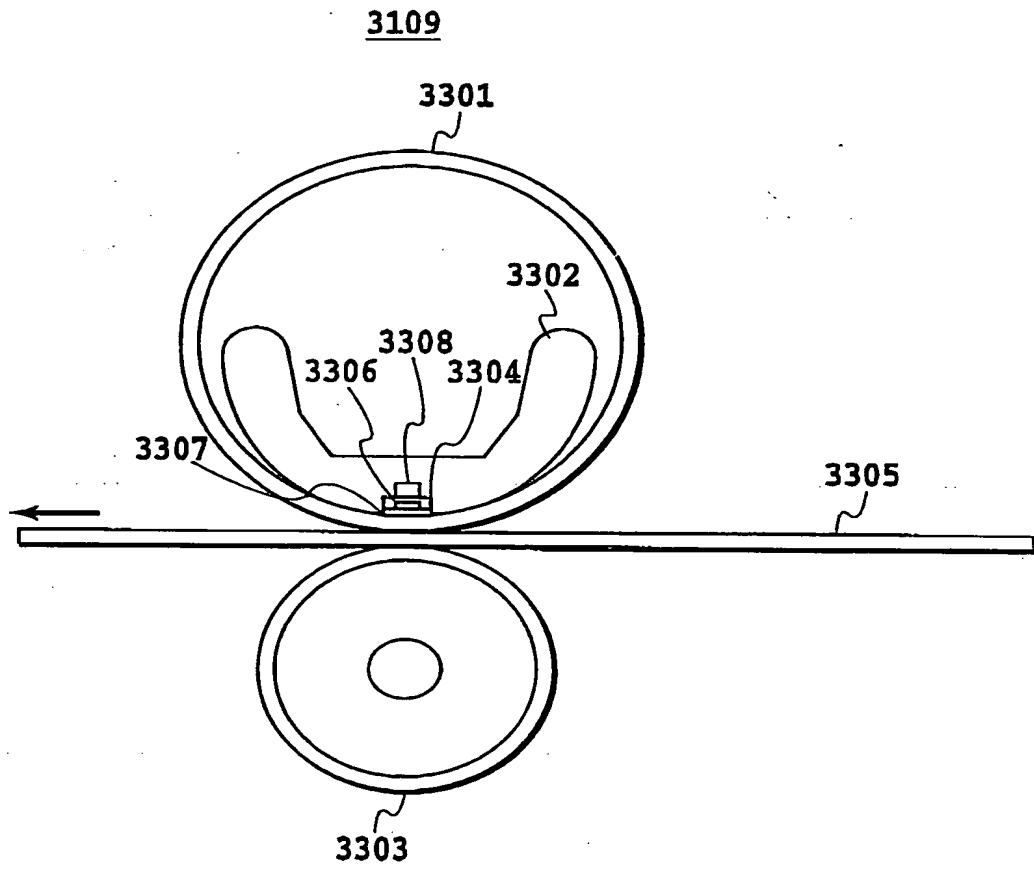


FIG.22

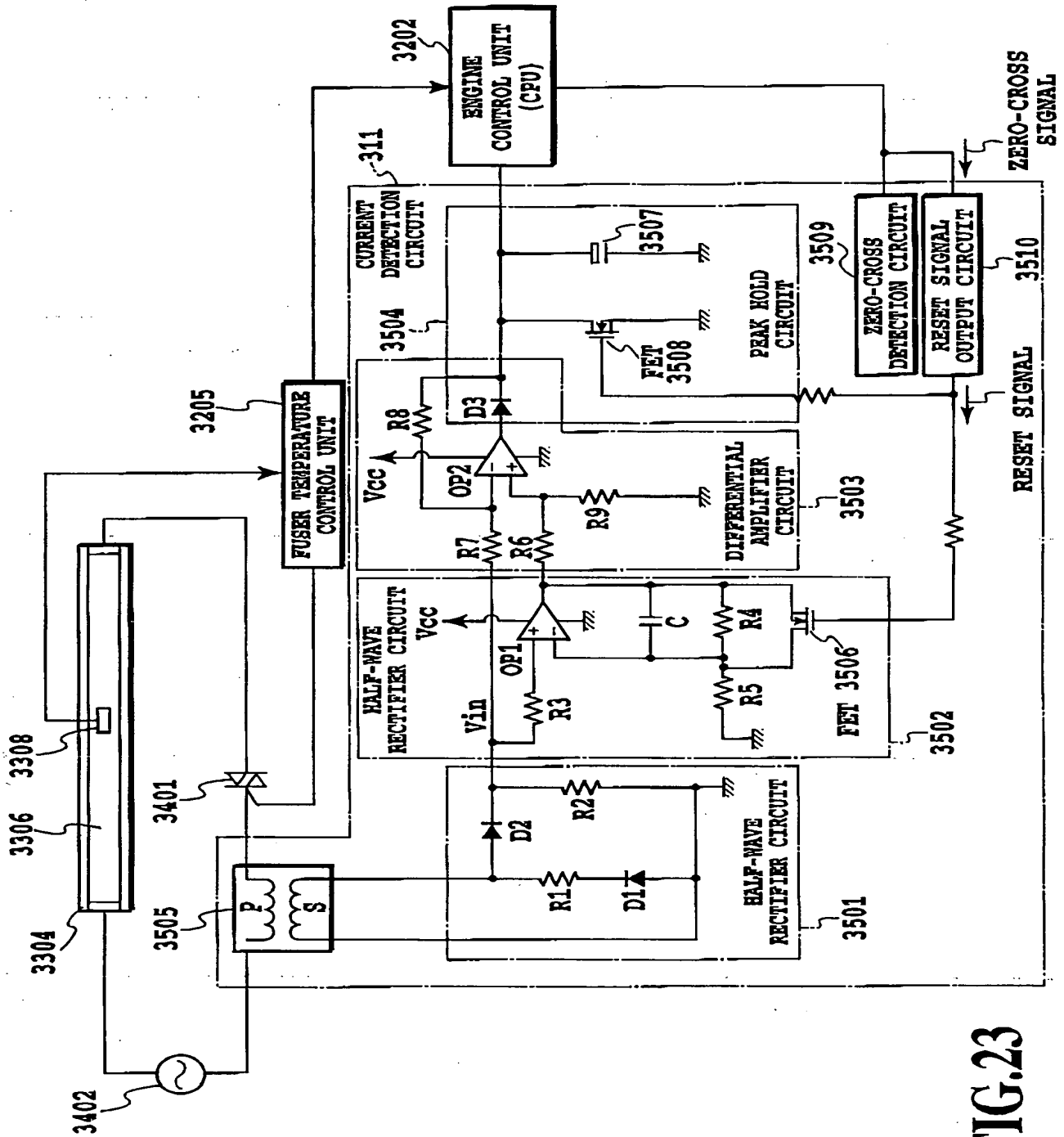


FIG. 23

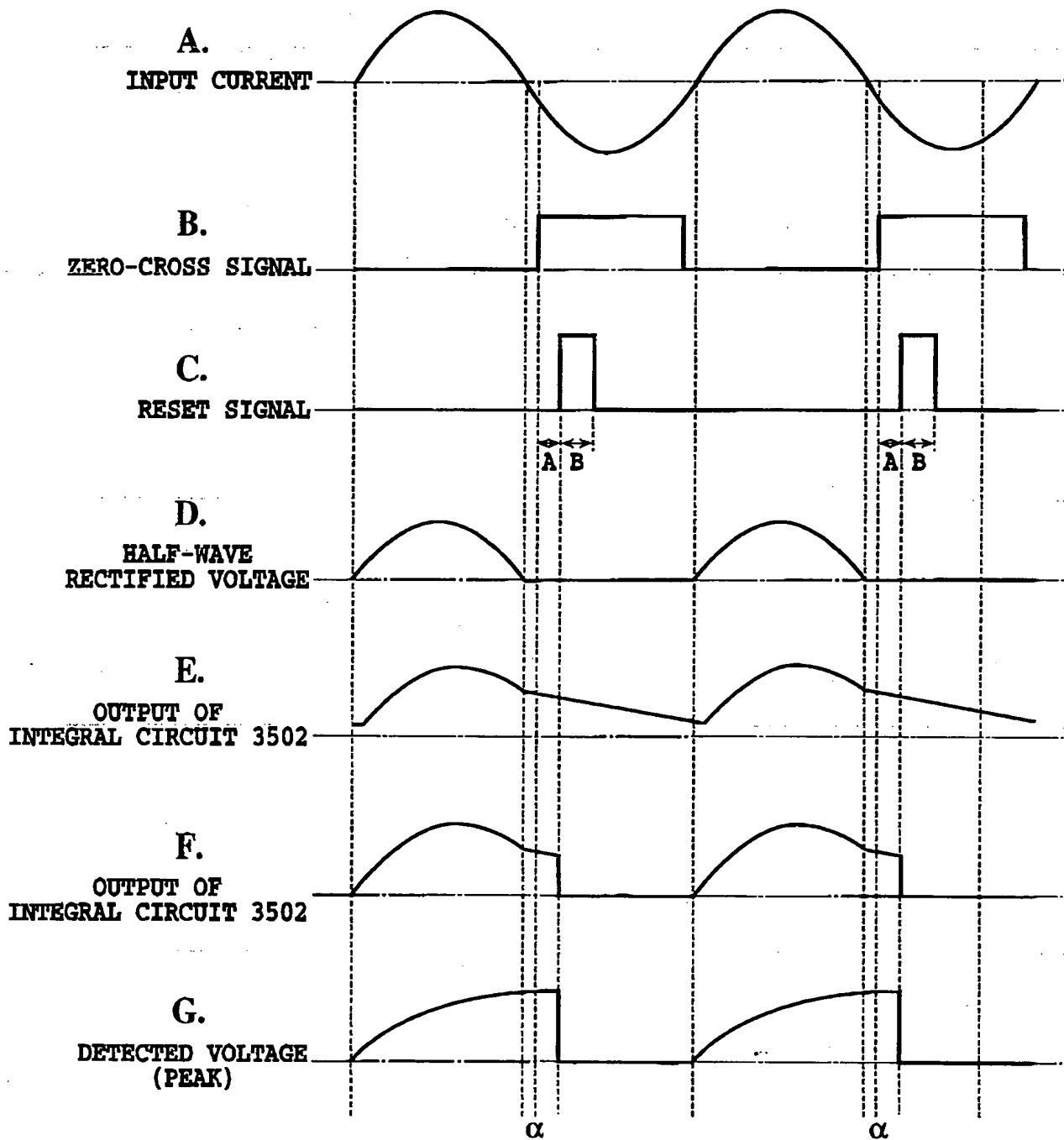


FIG.24

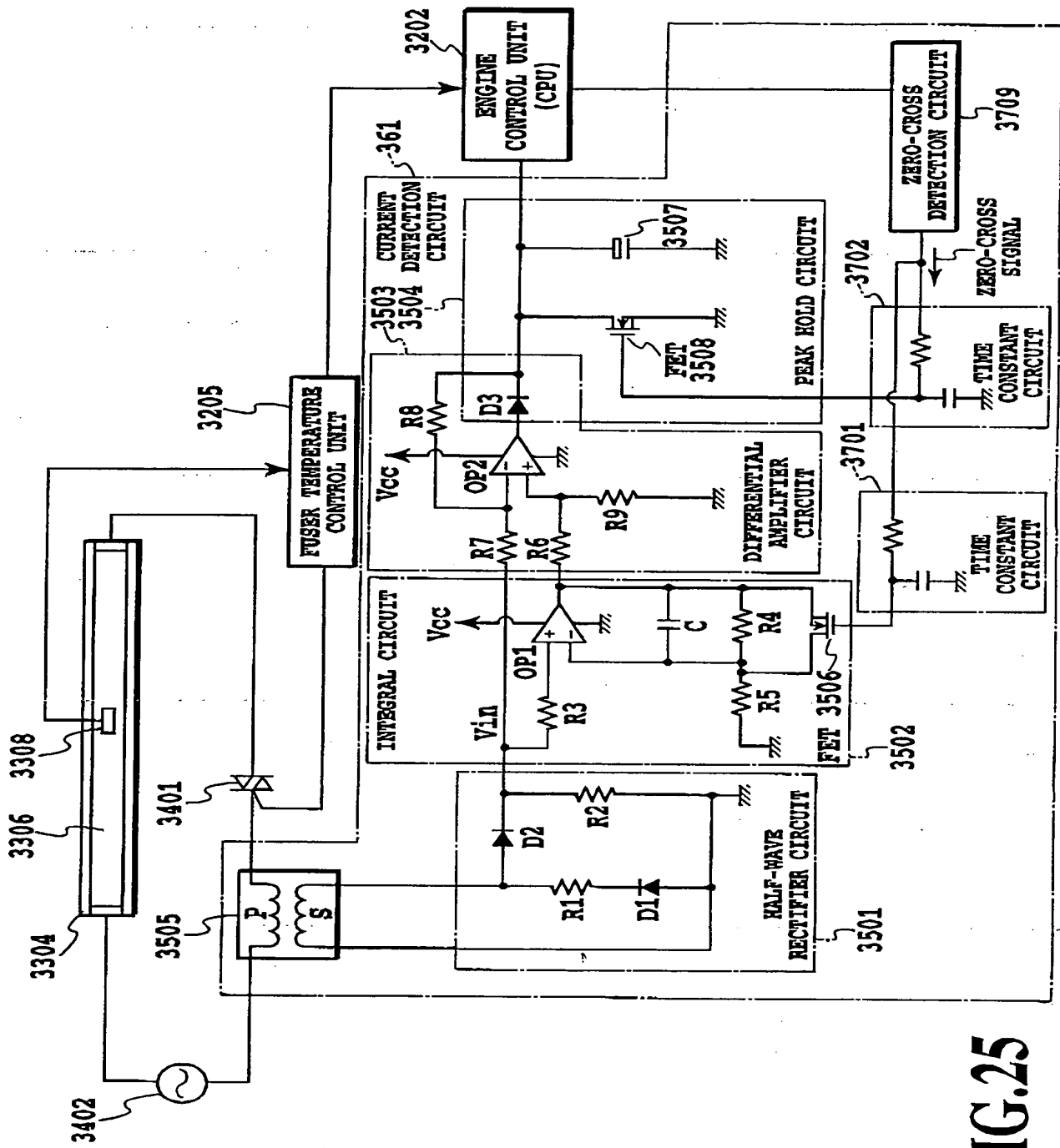


FIG.25

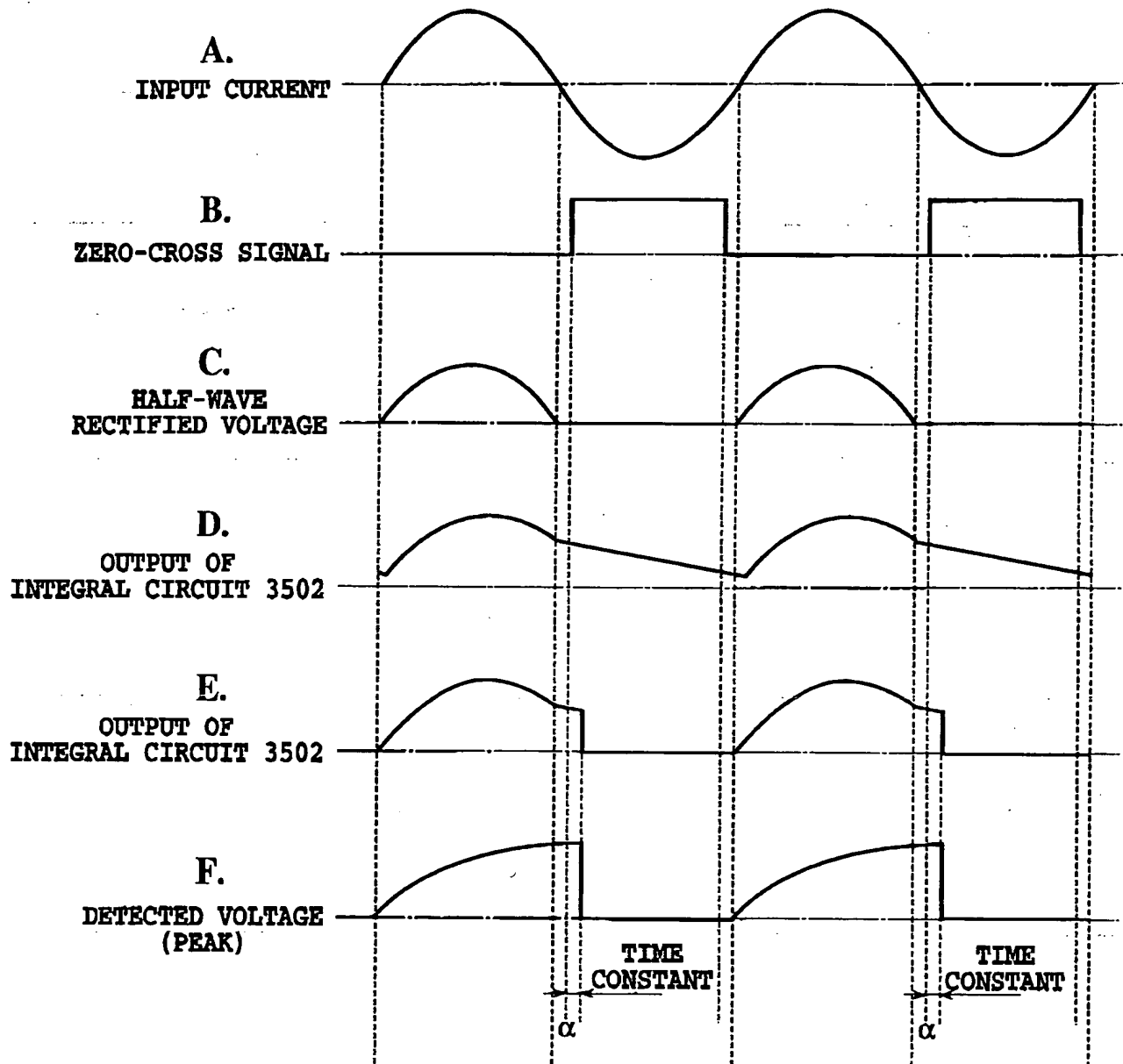


FIG.26